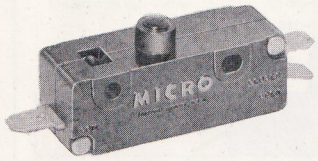
HONEYWELL

MICRO SWITCH Precision Switches

"PL" SERIES APPLIANCE SWITCHES



Catalog Listing 1PL4

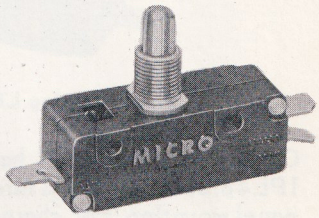
COMPACT

"SNAP-ON" TERMINALS

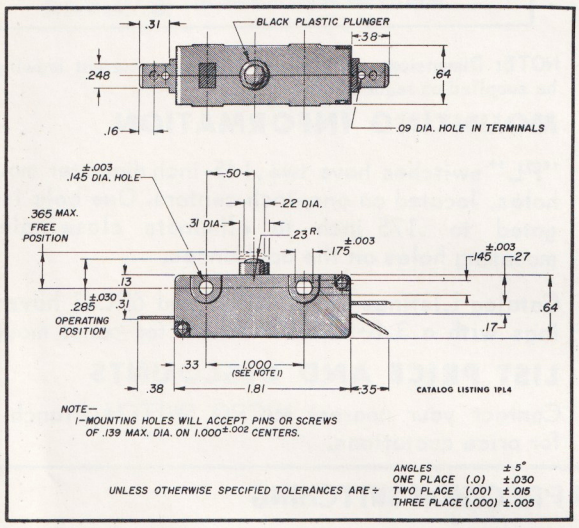
HIGH ELECTRICAL RATING

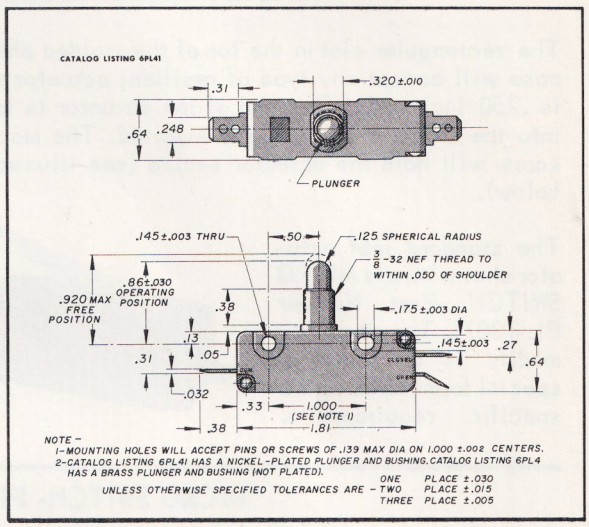
AUXILIARY ACTUATORS EASILY ASSEMBLED

MICRO SWITCH "PL" series switches have been designed especially for use on domestic appliances. "Snap-on" terminals facilitate wiring.



Catalog Listing 6PL41





NOTE: Dimensions are subject to change; current drawings will be supplied on request.

STANDARD TYPE

Catalog Listing 1PL4 has a black plastic plunger. An overtravel stop within the switch provides .050 in. minimum overtravel. The stop also protects the beryllium copper spring from damage through excessive overtravel. Refer to page 2 of this data sheet for information on a panel mounted version of the 1PL4. Both switches have a median mechanical life of over 167,000 operations at full overtravel.

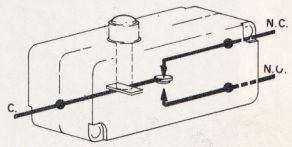
HIGH OVERTRAVEL TYPE

For applications requiring more plunger overtravel than the standard type offers, Catalog Listings 6PL4 and 6PL41 are available. These switches have a special mechanism which provides overtravel of .200-inch minimum. The 6PL4 and 6PL41 differ only in the appearance of the plungers and threaded bushings. The 6PL41 has a shiny nickel-plated plunger and bushing, while the plunger and bushing of the 6PL4 is unplated. These switches have a median mechanical life of over 2,000,000 operations at full overtravel.

CHARACTERISTICS

	1PL4 and 2PL4	6PL4 and 6PL41
Operating Force	20 oz. max.	17 oz. max.
Release Force	3 oz. min.	3 oz. min.
Overtravel	.050 in. min.	.200 in. min.
Differential Travel	.010 in. approx.	.010 in. approx.

CONTACT ARRANGEMENT

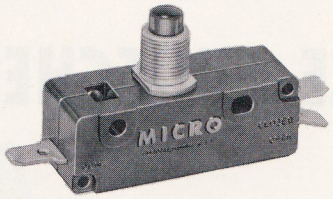


All switches described in this data sheet have single-pole double-throw contact arrangements. They may be wired normally open or normally closed. Single-pole single-throw versions of the 1PL4 and 2PL4 are available.

ELECTRICAL RATING

All "PL" switches are electrically rated at: 15 amps, 125 or 250 vac; 1 H.P., 250 vac; ½ H.P., 125 vac.

"PL" SERIES APPLIANCE SWITCHES



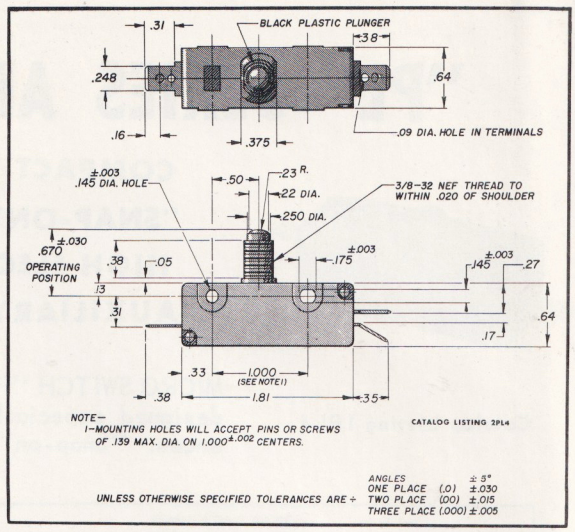
Catalog Listing 2PL4

Catalog Listing 2PL4 has the same features as the 1PL4 plus an unplated threaded bushing which enables panel mounting. For characteristics, electrical rating, contact arrangement and other details, refer to Page 1.

AUXILIARY ACTUATORS EASILY ASSEMBLED

The rectangular slot in the top of the molded phenolic case will accept any type of resilient actuator which is .250 inch wide. One end of the actuator is formed into the shape of a "C" and inserted. The mounting screw will hold the actuator secure (see illustration, below).

The standard leaf actuator shown here is MICRO SWITCH Part Number PL-10011. The user may modify it or fabricate special forms to meet his specific requirements.



NOTE: Dimensions are subject to change; current drawings will be supplied on request.

MOUNTING INFORMATION

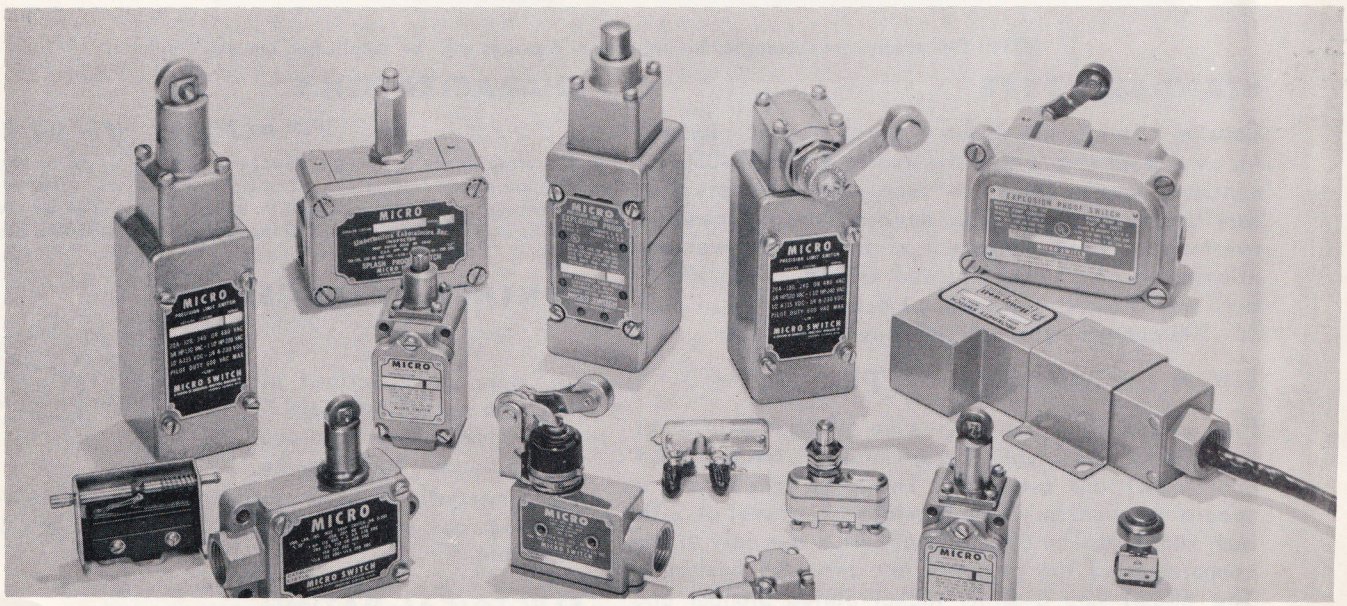
"PL" switches have two .145-inch diameter mounting holes, located on one-inch centers. One hole is elongated to .175 inch to eliminate close tolerance mounting holes on the appliances.

Catalog Listings 2PL4, 6PL4 and 6PL41 have bushings with a 3/8-32 NEF thread for panel mounting.

LIST PRICE AND DISCOUNTS

Contact your nearest MICRO SWITCH Branch Office for price quotations.

MICRO SWITCH- FIRST IN PRECISION SWITCHING



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